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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/590,590
				Filing Date	August 24, 2006
				First Named Inventor	Swadeshmukul Santra
				Art Unit	1636
				Examiner Name	
Sheet	1	of	12	Attorney Docket Number	UF.420XC1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-5,087,440	02-11-1992	Cacheris <i>et al.</i>	All
	U2	US-5,155,215	10-13-1992	Ranney	All
	U3	US-6,207,392	03-27-2001	Weiss <i>et al.</i>	All
	U4	US-2005/220714 A1	10-06-2005	Kauzlarich <i>et al.</i>	All
	U5	US-2003/0236457 A1	12-25-2003	Mericle <i>et al.</i>	All
	U6	US-2004/0023415 A1	02-05-2004	Sokolov <i>et al.</i>	All
	U7	US-2004/0067201 A1	04-08-2004	Perkins <i>et al.</i>	All
	U8	US-6,649,138	11-18-2003	Adams <i>et al.</i>	All
	U9	US-6,815,064	11-09-2004	Treadway <i>et al.</i>	All

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)				
	F1	WO 01/89585 A1	11-29-2001	Biocrystal Ltd.	All	
	F2	WO 2004/066361 A2	08-05-2004	The Board of Trustees of the University of Arkansas	All	
	F3	WO 2005/041747 A2	05-12-2005	The Trustees of the University of Pennsylvania	All	
	F4					
	F5					
	F6					
	F7					

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	U10	US-5,990,479	11-23-1999	Weiss <i>et al.</i>	All
	U11	US-6,207,392	03-27-2001	Weiss <i>et al.</i>	All
	U12	US-6,423,551	07-23-2002	Weiss <i>et al.</i>	All
	U13	US-6,699,723	03-02-2004	Weiss <i>et al.</i>	All
	U14	US-6,251,303	06-26-2001	Bawendi <i>et al.</i>	All
	U15	US-6,322,901	11-27-2001	Bawendi <i>et al.</i>	All
	U16	US-6,444,143	09-03-2002	Bawendi <i>et al.</i>	All
	U17	US-			
	U18	US-			

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	R1	AKERMAN, M.E. et al., "Nanocrystal Targeting <i>In Vivo</i> " <i>Proceedings of Nat'l Acad. of Sci., USA</i> , October 1, 2002, pp. 12617-12621, Vol. 99, No. 20.		
	R2	ALIVISATOS, A.P., "Perspectives on the Physical Chemistry of Semiconductor Nanocrystals" <i>J. Phys. Chem.</i> , March 26, 1996, pp. 13226-13239, Vol. 100.		
	R3	ZHAO, M. et al., "Differential Conjugation of Tat Peptide to Superparamagnetic Nanoparticles and Its Effect on Cellular Uptake" <i>Bioconjugate Chemistry</i> , 2002, pp. 840-844, Vol. 13, No. 4.		
	R4	ARRIAGADA, F.J. et al., "Synthesis of Nanosize Silica in a Nonionic Water-in-Oil Microemulsion: Effects of the Water/Surfactant Molar Ratio and Ammonia Concentration" <i>Journal of Colloid and Interface Science</i> , 1999, pp. 210-220, Vol. 211.		
	R5	BALLOU, B. et al., "Noninvasive Imaging of Quantum Dots in Mice" <i>Bioconjugate Chem.</i> , 2004, pp. 79-86, Vol. 15, No. 1.		
	R6	BECKER, W.G. et al., "Photoluminescence and Photoinduced Oxygen Adsorption of Colloidal Zinc Sulfide Dispersions" <i>J. Phys. Chem.</i> , 1983, pp. 4888-4893, Vol. 87.		
	R7	BEHBOUDNIA, M. et al., "Systematics in the nanoparticle band gap of ZnS and Zn _{1-x} M _x S (M= Mn, Fe, Ni) for various dopant concentrations" <i>Physical Review B</i> , 2001, pp. 035316:1-035316:5, Vol. 63.		
	R8	BENTZEN, E.L. et al., "Progression of Respiratory Syncytial Virus Infection Monitored by Fluorescent Quantum Dot Probes" <i>Nano Letters</i> , 2005, pp. 591-595, Vol. 5, No. 4.		
	R9	BHARGAVA, R.N., "Doped nanocrystalline materials - Physics and applications" <i>Journal of Luminescence</i> , 1996, pp. 85-94, Vol. 70.		
	R10	BHARGAVA, R.N. et al., "Optical Properties of Manganese-Doped Nanocrystals of ZnS" <i>Physical Review Letters</i> , January 17, 1997, pp. 416-419, Vol. 72, No. 3.		
	R11	YANG, H. et al., "Electroluminescence from Hybrid Conjugated Polymer—CdS:Mn/ZnS Core/Shell Nanocrystal Devices" <i>J. Phys. Chem. B.</i> , 2003, pp. 9705-9710, Vol. 107.		
	R12	BOL, A.A. et al., "Temperature dependence of the luminescence of nanocrystalline CdS/Mn ²⁺ " <i>Journal of Physics and Chemistry of Solids</i> , 2003, pp. 247-252, Vol. 64.		
	R13	BOL, A.A. et al., "Luminescence Quantum Efficiency of Nanocrystalline ZnS:Mn ²⁺ . 2. Enhancement by UV Irradiation" <i>J. Phys. Chem. B</i> , 2001, pp. 10203-10209, Vol. 105.		

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	R14	BOL, A.A. <i>et al.</i> , "Doped semiconductor nanoparticles - a new class of luminescent materials?" <i>Journal of Luminescence</i> , 2000, pp. 315-318, Vol. 87-89.		
	R15	BOL, A.A. <i>et al.</i> , "On the Incorporation of Trivalent Rare Earth Ions in II-VI Semiconductor Nanocrystals" <i>Chem. Mater.</i> , 2002, pp. 1121-1126, Vol. 14.		
	R16	BOL, A.A. <i>et al.</i> , "Luminescence Quantum Efficiency of Nanocrystalline ZnS:Mn ²⁺ . 1. Surface Passivation and Mn ²⁺ Concentration" <i>J. Phys. Chem. B</i> , 2001, pp. 10197-10202, Vol. 105.		
	R17	BOUSQUET, J.C. <i>et al.</i> , "Gd-DOTA: Characterization of a New Paramagnetic Complex ¹ⁿ " <i>Radiology</i> , 1988, pp. 693-698, Vol. 166.		
	R18	BRUSCHEZ, M. <i>et al.</i> , "Semiconductor Nanocrystals as Fluorescent Biological Labels" <i>Science</i> , September 25, 1998, pp. 2013-2016, Vol. 281.		
	R19	CAO, L. <i>et al.</i> , "Luminescence enhancement of core-shell ZnS:Mn/ZnS nanoparticles" <i>Appl. Phys. Letters</i> , June 10, 2002, pp. 4300-4302, Vol. 80, No. 23.		
	R20	CARAVAN, P. <i>et al.</i> , "Gadolinium(III) Chelates as MRI Contrast Agents: Structure, Dynamics, and Applications" <i>Chem. Rev.</i> , 1999, pp. 2293-2352, Vol. 99.		
	R21	CHAN, W.C.W. <i>et al.</i> , "Luminescent quantum dots for multiplexed biological detection and imaging" <i>Curr. Opin. In Biotech.</i> , 2002, pp. 40-46, Vol. 13.		
	R22	CHAN, W.C.W. <i>et al.</i> , "Quantum Dot Bioconjugates for Ultrasensitive Nonisotopic Detection" <i>Science</i> , September 25, 1998, pp. 2016-2018, Vol. 281, No. 5385.		
	R23	DABBOUSI, B.O. <i>et al.</i> , "(CdSe) ZnS Core-Shell Quantum Dots: Synthesis and Characterization of a Size Series of Highly Luminescent Nanocrystallites" <i>J. Phys. Chem. B</i> , 1997, pp. 9463-9475, Vol. 101.		
	R24	DERFUS, A.M. <i>et al.</i> , "Probing the Cytotoxicity of Semiconductor Quantum Dots" <i>Nano Letters</i> , 2004, pp. 11-18, Vol. 4, No. 1.		
	R25	DIETZ, G.P.H. <i>et al.</i> , "Delivery of bioactive molecules in the cell: the Trojan horse approach" <i>Mol. Cell. Neurosci.</i> , 2004, pp. 85-131, Vol. 27.		
	R26	DUBERTRET, B. <i>et al.</i> , "In vivo Imaging of Quantum Dots Encapsulated in Phospholipid Micelles" <i>Science</i> , November 29, 2002, pp. 1759-1762, Vol. 298, No. 5599.		

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	R27	GALLAGHER, D. <i>et al.</i> , "Doped zinc sulfide nanocrystals precipitated within a poly(ethylene oxide) matrix – processing and optical characteristics" <i>Journal of Crystal Growth</i> , 1994, pp. 970-975, Vol. 138.		
	R28	GAO, X. <i>et al.</i> , "In vivo cancer targeting and imaging with semiconductor quantum dots" <i>Nature Biotech.</i> , August 2004, pp. 969-976, Vol. 22, No. 8.		
	R29	GAO, X. <i>et al.</i> , "Molecular profiling of single cells and tissue specimens with quantum dots" <i>Trends in Biotech.</i> , September 2003, pp. 371-373, Vol. 21, No. 9.		
	R30	GAPONIK, N. <i>et al.</i> , "Labeling of Biocompatible Polymer Microcapsules with Near-Infrared Emitting Nanocrystals" <i>Nano Letters</i> , 2003, pp. 369-372, Vol. 3, No. 3.		
	R31	GERION, D. <i>et al.</i> , "Synthesis and Properties of Biocompatible Water-Soluble Silica-Coated CdSe/ZnS Semiconductor Quantum Dots" <i>J. Phys. Chem. B</i> , 2001, pp. 8861-8871, Vol. 105.		
	R32	GUPTA, S. <i>et al.</i> , "Phosphor efficiency and deposition temperature in ZnS:Mn A.C. thin film electroluminescence display devices" <i>Thin Solid Films</i> , 1997, pp. 33-37, Vol. 299.		
	R33	HINES, M.A. <i>et al.</i> , "Synthesis and Characterization of Strongly Luminescing ZnS-Capped CdSe Nanocrystals" <i>J. Phys. Chem.</i> 1996, pp. 468-471, Vol. 100.		
	R34	HOSHINA, T. <i>et al.</i> , "Luminescence Excitation Spectra and Their Exciton Structures of ZnS Phosphors. II. Al and Te Doped Phosphors" <i>Jpn. J. Appl. Phys.</i> , 1980, pp. 279-287, Vol. 19, abstract.		
	R35	HUBER, M.M. <i>et al.</i> , "Fluorescently Detectable Magnetic Resonance Imaging Agents" <i>Bioconjugate Chem.</i> , 1998, pp. 242-249, Vol. 9.		
	R36	IHARA, M. <i>et al.</i> , "Preparation and Characterization of Rare Earth Activators Doped Nanocrystal Phosphors" <i>J. of the Electrochem. Soc.</i> , 2000, pp. 2355-2357, Vol. 147, No. 6.		
	R37	JAISWAL, J.K. <i>et al.</i> , "Long-Term Multiple Color Imaging of Live Cells Using Quantum Dot Bioconjugates" <i>Nature Biotech.</i> , January 2003, pp. 47-51, Vol. 21.		
	R38	JAISWAL, J.K. <i>et al.</i> , "Potentials and pitfalls of fluorescent quantum dots for biological imaging" <i>TRENDS in Cell Bio.</i> , September 2004, pp. 497-504, Vol. 14, No. 9.		
	R39	JASZCZYN-KOPEC, P. <i>et al.</i> , "Excitonic Excitation Spectra in ZnS: Cl Crystal Under Pressure" <i>Journal of Luminescence</i> , 1983, pp. 319-326, Vol. 28.		

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	R40	JIANG, W. <i>et al.</i> , "Semiconductor quantum dots as contrast agents for whole animal imaging" <i>TRENDS in Biotech.</i> , December 2004, pp. 607-609, Vol. 22, No. 12.		
	R41	JIN, C. <i>et al.</i> , "Luminescence of Mn ²⁺ doped ZnS nanocrystallites" <i>J. of Luminescence</i> , 1996, pp. 315-318, Vol. 66-67.		
	R42	JOSEPHSON, L. <i>et al.</i> , "Near-Infrared Fluorescent Nanoparticles as Combined MR/Optical Imaging Probes" <i>Bioconjugate Chem.</i> , 2002, pp. 554-560, Vol. 13.		
	R43	JOSEPHSON, L. <i>et al.</i> , "High-Efficiency Intracellular Magnetic Labeling with Novel Superparamagnetic-Tat Peptide Conjugates" <i>Bioconjugate Chem.</i> , 1999, pp. 186-191, Vol. 10.		
	R44	KANE, R.S. <i>et al.</i> , "Synthesis of Doped ZnS Nanoclusters within Block Copolymer Nanoreactors" <i>Chem. Mater.</i> , 1999, pp. 90-93, Vol. 11.		
	R45	KIM, S. <i>et al.</i> , "Near-Infrared Fluorescent Type II Quantum Dots for Sentinel Lymph Node Mapping" <i>Nature Biotech.</i> , January 2004, pp. 93-97, Vol. 22, No. 1.		
	R46	KIRCHER, M.F. <i>et al.</i> , "A Multimodal Nanoparticle for Preoperative Magnetic Resonance Imaging and Intraoperative Optical Brain Tumor Delineation" <i>Cancer Research</i> , December 1, 2003, pp. 8122-8125, Vol. 63.		
	R47	KUBO, T. <i>et al.</i> , "Enhancement of photoluminescence of ZnS:Mn nanocrystals modified by surfactants with phosphate or carboxyl groups via a reverse micelle method" <i>Journal of Luminescence</i> , 2002, pp. 39-45, Vol. 99.		
	R48	LARSON, D.R. <i>et al.</i> , "Water-Soluble Quantum Dots for Multiphoton Fluorescence Imaging in Vivo" <i>Science</i> , May 30, 2003, pp. 1434-1436, Vol. 300.		
	R49	LEWIS, J.S. <i>et al.</i> , "Control of point defects and space charge in electroluminescent ZnS:Mn thin films" <i>J. of Appl. Physics</i> , December 1, 2002, pp. 6646-6657, Vol. 92, No. 11.		
	R50	MARGERSTADT, M. <i>et al.</i> , "Gd(DOTA): an alternative to Gd(DTPA) as a T1,2 relaxation agent for NMR imaging or spectroscopy" <i>Magn. Reson. Med.</i> , 1986, pp. 808-812, Vol. 3, No. 5, abstract.		
	R51	SMITH, D.H. <i>et al.</i> , "New Magnetic Resonance Imaging Techniques for the Evaluation of Traumatic Brain Injury" <i>Journal of Neurotrauma</i> , 1995, pp. 573-577, Vol. 12, No. 12.		
	R52	MICHALET, X. <i>et al.</i> , "Quantum Dots for Live Cells, in Vivo Imaging, and Diagnostics" <i>Science</i> , January 28, 2005, pp. 538-544, Vol. 307.		

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			Application Number	10/590,590	
			Filing Date	August 24, 2006	
			First Named Inventor	Swadeshmukul Santra	
			Group Art Unit	1636	
Examiner Name					
Sheet	7	of	12	Attorney Docket Number	UF.420XC1

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	R53	MORAWSKI, A.M. et al., "Targeted Nanoparticles for Quantitative Imaging of Sparse Molecular Epitopes With MRI" <i>Magnetic Resonance in Medicine</i> , 2004, pp. 480-486, Vol. 51.		
	R54	SCHRIER, J. et al., "Simple model for magnetization ratios in doped nanocrystals" <i>J. Appl. Physics</i> , 2004, pp. 1436-1438, Vol. 95, No. 3.		
	R55	PARUNGO, C.P. et al., "Intraoperative identification of esophageal sentinel lymph nodes with near-infrared fluorescence imaging" <i>J. Thorac. Cardiovasc. Surg.</i> , April 2005, pp. 844-850, Vol. 129, No. 4.		
	R56	PENG, X. et al., "Epitaxial Growth of Highly Luminescent CdSe/CdS Core/Shell Nanocrystals with Photostability and Electronic Accessibility" <i>J. Am. Chem. Soc.</i> , 1997, pp. 7019-7029, Vol. 119.		
	R57	PINGBO, X. et al., "Photoluminescence Properties of Surface-Modified Nanocrystalline ZnS: Mn" <i>Journal of Colloid and Interface Science</i> , 2000, pp. 534-539, Vol. 229.		
	R58	RUNGE, V.M. et al., "MR Imaging of Rat Brain Glioma: Gd-DTPA versus Gd-DOTA ^{1a} " <i>Radiology</i> , 1988, pp. 835-838, Vol. 166.		
	R59	SANTRA, S. et al., "TAT conjugated, FITC doped silica nanoparticles for bioimaging applications" <i>Chem. Commun.</i> , 2004, pp. 2810-2811.		
	R60	SANTRA, S. et al., "Conjugation of Biomolecules with Luminophore-Doped Silica Nanoparticles for Photostable Biomarkers" <i>Anal. Chem.</i> , 2001, pp. 4988-4993, Vol. 73.		
	R61	SANTRA, S. et al., "Development of novel dye-doped silica nanoparticles for biomarker application" <i>J. of Biomedical Optics</i> , April 2001, pp. 160-166, Vol. 6, No. 2, abstract.		
	R62	SANTRA, S. et al., "Synthesis and Characterization of Silica-Coated Iron Oxide Nanoparticles in Microemulsion: The Effect of Nanionic Surfactants" <i>Langmuir</i> , 2001, pp. 2900-2906, Vol. 17.		
	R63	SCHALLER, R.D. et al., "Tunable Near-Infrared Optical Gain and Amplified Spontaneous Emission Using PbSe Nanocrystals" <i>J. Phys. Chem. B</i> , 2003, pp. 13765-13768, Vol. 107.		
	R64	SCHMECHEL, R. et al., "Photoluminescence Properties of Nanocrystalline Y ₂ O ₃ : Eu ³⁺ in Different Environments" <i>Scripta mater.</i> , 2001, pp. 1213-1217, Vol. 44.		
	R65	SCHMIDT, T. et al., "Activation of 1.54 μ m Er ³⁺ Fluorescence in Concentrated II-VI Semiconductor Cluster Environments" <i>Chem. Mater.</i> , 1998, pp. 65-71, Vol. 10.		

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	R66	SCHROEDTER, A. <i>et al.</i> , "Ligand Design and Bioconjugation of Colloidal Gold Nanoparticles" <i>Angew. Chem. Int. Ed.</i> , 2002, pp. 3218-3221, Vol. 41, No. 17.		
	R67	SHARMA, P. <i>et al.</i> , "Nanoparticles for bioimaging" <i>Advances in Colloid and Interface Science</i> , 2006, pp. 471-485, Vol. 123-126.		
	R68	SMITH, A.M. <i>et al.</i> , "Quantum Dot Nanocrystals for <i>In Vivo</i> Molecular and Cellular Imaging" <i>Photochemistry and Photobiology</i> , 2004, pp. 377-385, Vol. 80.		
	R69	SMITH, A.M. <i>et al.</i> , "Luminescence decay kinetics of Mn ²⁺ -doped ZnS nanoclusters grown in reverse micelles" <i>Phys. Rev. B</i> , 2000, pp. 2021-2028, Vol. 62, No. 3.		
	R70	SONG, K.K. <i>et al.</i> , "Highly luminescent (ZnSe)ZnS core-shell quantum dots for blue to UV emission: synthesis and characterization" <i>Curr. Applied Physics</i> , 2001, pp. 169-173, Vol. 1.		
	R71	STAVIS, S.M. <i>et al.</i> , "Single molecule studies of quantum dot conjugates in a submicrometer fluidic channel" <i>Lab on a Chip</i> , 2005, pp. 337-343, Vol. 5.		
	R72	SUN, L. <i>et al.</i> , "Study of the optical properties of Eu ³⁺ -doped ZnS nanocrystals" <i>Journal of Alloys and Compounds</i> , 1998, pp. 234-237, Vol. 275-277.		
	R73	SUYVER, J.F. <i>et al.</i> , "Synthesis and Photoluminescence of Nanocrystalline ZnS:Mn ²⁺ " <i>Nano Letters</i> , 2001, pp. 429-433, Vol. 1, No. 8.		
	R74	SUYVER, J.F. <i>et al.</i> , "Luminescence of nanocrystalline ZnSe: Mn ²⁺ " <i>Phys. Chem. Chem. Phys.</i> , 2000, pp. 5445-5448, Vol. 2.		
	R75	TANAKA, M., "Photoluminescence Properties of Mn ²⁺ -doped II-VI Semiconductor Nanocrystals" <i>Journal of Luminescence</i> , 2002, pp. 163-173, Vol. 100.		
	R76	VAN DE RIJKE, F. <i>et al.</i> , "Up-converting phosphor reporters for nucleic acid microarrays" <i>Nature Biotechnol.</i> , March 2001, pp. 273-276, Vol. 19.		
	R77	VOURA, E.B. <i>et al.</i> , "Tracking metastatic tumor cell extravasation with quantum dot nanocrystals and fluorescence emission-scanning microscopy" <i>Nature Med.</i> , September 2004, pp. 993-998, Vol. 10, No. 9.		
	R78	WAGER, J.F. <i>et al.</i> , "Luminescent impurity doping trends in alternating-current thin-film electroluminescent phosphors" <i>J. of Luminescence</i> , 2002, pp. 68-81, Vol. 97.		

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	R79	WANG, Y. <i>et al.</i> , "Nanometer-Sized Semiconductor Clusters: Materials Synthesis, Quantum Size Effects, and Photophysical Properties" <i>J. Phys. Chem.</i> , 1991, pp. 525-532, Vol. 95.		
	R80	WU, X. <i>et al.</i> , "Immunofluorescent labeling of cancer marker Her2 and other cellular targets with semiconductor quantum dots" <i>Nature Biotech.</i> , January 2003, pp. 41-46, Vol. 21.		
	R81	YANG, H. <i>et al.</i> , "Syntheses and applications of Mn-doped II-VI semiconductor nanocrystals" <i>J. Nanosci. Nanotechnol.</i> , September 2005, pp. 1364-1375, Vol. 5, No. 9, abstract.		
	R82	YANG, H. <i>et al.</i> , "Photoluminescent and electroluminescent properties of Mn-doped ZnS nanocrystals" <i>J. of Appl. Phys.</i> , January 1, 2003, pp. 586-592, Vol. 93, No. 1.		
	R83	YANG, H. <i>et al.</i> , "Enhanced photoluminescence from CdS:Mn/ZnS core/shell quantum dots" <i>Appl. Phys. Lett.</i> , March 24, 2003, pp. 1965-1967, Vol. 82, No. 12.		
	R84	YANG, H. <i>et al.</i> , "Efficient and Photostable ZnS-Passivated CdS:Mn Luminescent Nanocrystals" <i>Advanced Functional Materials</i> , February 2004, pp. 152-156, Vol. 14, No. 2.		
	R85	YANG, H. <i>et al.</i> , "Water-Soluble Silica-Overcoated CdS: Mn/ZnS Semiconductor Quantum Dots" <i>J. Chem. Physics</i> , October 15, 2004, pp. 7412-7426, Vol. 121, No. 15.		
	R86	ZHELEV, Z. <i>et al.</i> , "Fabrication of quantum dot-lectin conjugates as novel fluorescent probes for microscopic and flow cytometric identification of leukemia cells from normal lymphocytes" <i>Chem. Commun.</i> , 2005, pp. 1980-1982.		
	R87	ZIJLMANS, H.J.M.A.A. <i>et al.</i> , "Detection of Cell and Tissue Surface Antigens Using Up-Converting Phosphors: A New Reporter Technology" <i>Analytical Biochemistry</i> , 1999, pp. 30-36, Vol. 267.		
	R88	DAHAN, M. <i>et al.</i> , "Diffusion Dynamics of Glycine Receptors Revealed by Single-Quantum Dot Tracking" <i>Science</i> , 2003, pp. 442-445, Vol. 302, No. 5644.		
	R89	NAM, J.M. <i>et al.</i> , "Nanoparticle-Based Bio-Bar Codes for the Ultrasensitive Detection of Proteins" <i>Science</i> , 2003, pp. 1884-1886, Vol. 301, No. 5641.		
	R90	"Quantum Dots Could Guide Surgeons" <i>NIBIB eAdvances</i> , February 11, 2004, Retrieved 03-03-2004, from http://www.nbib.nih.gov/eAdvances/021104.htm		
	R91	SCHWARZE, S.R. <i>et al.</i> , "In Vivo Protein Transduction: Delivery of a Biologically Active Protein in the Mouse" <i>Science</i> , 1999, pp. 1569-1572, Vol. 285, No. 5433.		

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	R92	AGUAYO, J.B. <i>et al.</i> , "Nuclear magnetic resonance imaging of a single cell" <i>Nature</i> , 1986, pp. 190-191, Vol. 322.	
	R93	ALIVISATOS, A. P., "Less Is More in Medicine" <i>Scientific American</i> , September 2001, pp. 66-73, Vol. 285.	
	R94	ASTRIAB-FISHER, A. <i>et al.</i> , "Conjugates of Antisense Oligonucleotides with the Tat and Antennapedia Cell-Penetrating Peptides: Effects on Cellular Uptake, Binding to Target Sequences, and Biologic Actions" <i>Pharm. Res.</i> , June 2002, pp.744-754, Vol. 19, No. 6.	
	R95	BEN-ARI, E.T., "Nanoscale Quantum Dots Hold Promise for Cancer Applications" <i>JNCI Journal of the National Cancer Institute</i> , 2003, pp. 502-504, Vol. 95, No. 7.	
	R96	BRIGGER, I. <i>et al.</i> , "Nanoparticles in cancer therapy and diagnosis" <i>Adv Drug Deliv Rev</i> , 2002, pp.631-651, Vol. 54.	
	R97	COSTOUROS, N.G. <i>et al.</i> , "Molecular Imaging of Tumor Angiogenesis" <i>Journal of Cellular Biochemistry</i> , 2002, pp. 72-78, Vol. 39 Supplement.	
	R98	DOUGLAS, S.J. <i>et al.</i> , "Nanoparticles in Drug Delivery" <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 1987, pp. 233-261, Vol. 3, No. 3, abstract.	
	R99	DZIK-JURASZ, A., "The development and application of functional nuclear magnetic resonance to <i>in vivo</i> therapeutic anticancer research" <i>The British Journal of Radiology</i> , 2004, pp. 296-307, Vol. 77.	
	R100	EMERICH, D.F. <i>et al.</i> , "Nanotechnology and Medicine" <i>Expert Opinion on Biological Therapy</i> , 2003, pp. 655-663, Vol. 3, No. 4, abstract.	
	R101	FAWELL, S. <i>et al.</i> , "Tat-mediated delivery of heterologous proteins into cells" <i>Proc. Natl. Acad. Sci. USA</i> , January 1994, pp. 664-668, Vol. 91.	
	R102	FUJISAWA, T. <i>et al.</i> , "Spontaneous Emission Spectrum in Double Quantum Dot Devices" <i>Science</i> , October 30, 1998, pp. 932-935, Vol. 282.	
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	R104	HILDEBRANDT, I.J. <i>et al.</i> , "Molecular imaging applications for immunology" <i>Clinical Immunology</i> , 2004, pp. 210-224, Vol. 111.	

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	R105	HOLM, B.A. et al., "Nanotechnology in Biomedical Applications" <i>Molecular Crystals and Liquid Crystals</i> , 2002, pp. 589-598, Vol. 374.		
	R106	KALE, A. et al., "Infrared emission from zinc sulfide: Rare-earth doped thin films" <i>J. Appl. Physics</i> , September 2003, pp. 3147-3152, Vol. 94, No. 5.		
	R107	KARAR, N. et al., "Structure and photoluminescence studies on Zn:Mn nanoparticles" <i>J. Appl. Physics</i> , January 2004, pp. 656-660, Vol. 95, No. 2.		
	R108	KREEL, L., "Medical imaging" <i>Postgraduate Medical Journal</i> , 1991, pp. 334-346, Vol. 67.		
	R109	Invitrogen, "Qdot® Conjugates Protocol Handbook" Quantum Dot Invitrogen nanocrystal technologies, December 12, 2005.		
	R110	LANGER, S.G. et al., "Imagine Acquisition: Ultrasound, Computed Tomography, and Magnetic Resonance Imaging" <i>World Journal of Surgery</i> , 2001, pp. 1428, Vol. 25.		
	R111	PANYAM, J. et al., "Fluorescence and electron microscopy probes for cellular and tissue uptake of poly(D,L-lactide-co-glycolide) nanoparticles" <i>International Journal of Pharmaceutics</i> , 2003, pp. 1-11, Vol. 262.		
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	R117	SANTRA, S. et al., "Rapid and effective labeling of brain tissue using TAT-conjugated CdS:Mn/ZnS quantum dots" <i>Chem. Commun.</i> , 2005, pp. 3144-3146.		

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	R118	SANTRA, S. <i>et al.</i> , "Synthesis of Water-Dispersible Fluorescent, Radio-Opaque, and Paramagnetic CdS:MnZnS Quantum Dots: A Multifunctional Probe for Bioimaging" <i>J. Am. Chem. Soc.</i> , 2005, pp. 1656-1657, Vol. 127.	
	R119		
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